

Dräger Comfort Vest Cooling Vest

Increased performance by up to four hours – without the need for elaborate preparation or logistics: when work gets hot, the Dräger Comfort Vest CVP 5220 is always ready to use as it delivers the cooling action itself. This means: no pre-freezing, no dipping into water, no risk due to dangerous circulating air – and no time loss.



Benefits

Automatic cooling above 28 °C

The vest's cooling action is derived from 20 individual PCM-elements (Phase Change Material) integrated into the inner lining. Whether performing tasks that are physical enough to cause sweating or working in high temperature surroundings: at a skin temperature of 28 °C, the content of the PCM-elements gradually become liquid by absorbing the excessive heat. This reduces skin temperature by approx. 3 – 4 °C. Depending on the level of physical work and the ambient temperature, the cooling benefit for the wearer of the Dräger Comfort Vest can last for up to 4 hours.

Wearing comfort

The arrangement of the PCM-elements provides high freedom of movement thanks to their flexible body fit. The vest can simply be worn underneath protective clothing such as fire brigade clothing or gas-tight chemical protective suits. Broad hook-and-loop fasteners ensure a tight fit.

Regenerates when stored – within 4 hours at most

At a storage temperature below 22 °C, the elements become solid again. After a maximum of 4 hours, the elements are ready to use again – the colder the faster. Extensive preparatory and post-work activities – as with ice vests – are no longer necessary.

Additional advantages

- Service life of the PCM-elements: up to three years
- Easy donning thanks to hook-and-loop fasteners
- Vest can be washed after the elements have been removed
- Available in four different sizes: (S/M, L/XL, XXL/XXXL, XXXXL/XXXXXL)

System Components

D-7489-2010



Dräger PSS® 3000

The Dräger PSS® 3000 is a high performing breathing apparatus for firefighters. Combining comfort with exceptional pneumatic performance, it is designed for applications where simplicity and ease of use are key essentials. Lightweight yet robust, and easy to don, this advanced breathing apparatus provides the ultimate in breathing protection.

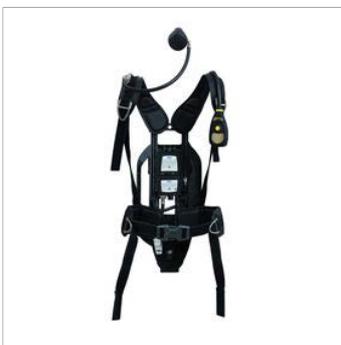
D-4266-2010



Dräger PSS® 5000

The Dräger PSS® 5000 SCBA is a high-performance breathing apparatus for the professional firefighter. Combining advanced ergonomics with a wide range of configurable options, the Dräger PSS® 5000 provides the user with the comfort and versatility to meet the demands of first responders whenever breathing protection is required.

ST-6147-2007



Dräger PSS® 7000

Developed by professionals for professionals, the Dräger PSS® 7000 breathing apparatus is a major milestone in our continuing development of breathing devices for the professional firefighter.

D-4598-2010



Dräger CPS 7900

Tailor-made for use under extreme conditions: The gas-tight Dräger CPS 7900 provides excellent protection against industrial chemicals, biological agents, and other toxic substances. Its innovative material qualifies the CPS 7900 equally well for work in explosive areas and for handling cryogenic substances.

System Components



D-22732-2009

Dräger CPS 5900

The Dräger CPS 5900 is the ideal disposable, gas-tight chemical protective suit for hazmat incidents. Where complete protection against hazardous gases, liquids and particles is of the utmost priority, this lightweight garment is the suit of choice.



ST-720-2008

Dräger SPC 3800

Chemical protective suits are used whenever and wherever a person's skin has to be protected from the harmful effects of hazardous liquids. If there is a risk that the entire body may come into contact with solid or liquid chemicals, complete coveralls are the only way to ensure full protection.



ST-4878-2005

Dräger Protec Plus TC and TF

Tearproof and resistant. The light chemical protective overalls Protec Plus TC and TF offer optimal protection against the finest dusts and powders, against acids and alkaline solutions, and are particularly resistant to a wide variety of chemicals in liquid form.



D-16515-2009

Dräger PSS® BG 4 plus

Designed especially for tough missions: The Dräger PSS® BG 4 plus closed circuit breathing apparatus combines uncompromising safety with the highest level of breathing and carrying comfort. The positive pressure unit supplies the wearer with up to four hours of breathing air, even in toxic atmospheres.

Accessories



ST-6174-2006

PCM elements

PCM elements for inserting into the comfort vest.

Order no.: R 45 105 small,

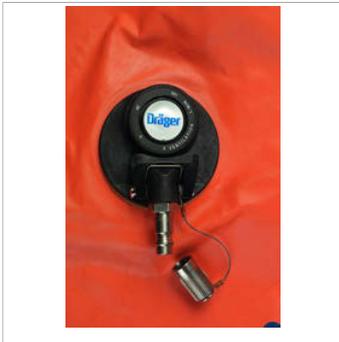
Order no.: R 45 104 large



ST-15205-2008

Transport bag

For the comfort vest.



ST-140-2007

Dräger PT 120 L control valve

Cooling effect on the body and additional breathing air from external sources for operations with gas-tight chemical protection suits.

Technical Data

Skin temperature difference when using the Dräger Comfort Vest CVP 5220	3 – 4 °C	
Deployment time	approx. 1.5 – 4 hours	
Weight complete, including cooling elements	approx. 2.1 kg	
Cooling surface	approx. 0.22 m ²	
Material (vest)	polyester	
Material (cooling elements)	salt crystal mixture, packed in polyester /polyamide	
Colour	inside:	black
	outside:	blue
PCM-elements	20 pieces	
Restoration time of cooling elements	at approx. +20 °C	approx. 4 hours
	at approx. +8 °C	approx. 30 minutes
Storage condition	horizontal	
Storage temperature:	<22°C	

Ordering Information

Dräger Comfort Vest CVP 5220, chest size	84 – 100 cm	S / M	incl. 20 PCM-elements	R 58 762
Dräger Comfort Vest CVP 5220, chest size	100 – 116 cm	L / XL	incl. 20 PCM-elements	R 58 763
Dräger Comfort Vest CVP 5220, chest size	116 – 132 cm	XXL / XXXL	incl. 20 PCM-elements	R 58 764
Dräger Comfort Vest CVP 5220, chest size	132 – 148 cm	XXXXL / XXXXXL	incl. 20 PCM-elements	R 58 761
Other accessories				
PCM-element				R 45 104
Transportation bag (blue)				R 53 373

Notes

Notes

Not all products, features, or services are for sale in all countries.
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